

Abstract

An object of the invention is to provide a route information transmitting method for transmitting a recommended route or a guided route to a receiving side accurately in as small a volume of data as possible. In the route information transmitting method of the invention, a transmitting side provides the receiving side which requests information on a route with compressed data obtained by performing an arithmetic treatment on position data of a plurality of points aligned along a route so as to convert the position data into statistically biased data and variable length coding the data so converted. The receiving side decodes the compressed data so as to restore the position data to thereby identify the route through a map matching. Due to this, the route information can be transmitted accurately in a small volume of data.